

Date: Sat, 30 Apr 94 13:49:04 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #472
To: Info-Hams

Info-Hams Digest Sat, 30 Apr 94 Volume 94 : Issue 472

Today's Topics:

Batteries for Kenwood TH-78A (2 msgs)
 Field Day
 FT-41R weirdness
 FT-530 Mod Made Easy?
 HTX-202 audio problem
 Info-Hams Digest V94 #459
 Jeremiah O'brien 22 Apr
 Mobile Antenna Experience
 Morse Code Software
Ni-Metal-Hydride batts for handhelds?
 Radio Shack HTX-202 Help
REJECTED: Info-Hams Digest V94 #471
 Shareware Contest Logger
Spectrum Show 30 Apr 94 (2 msgs)
 Third Party Traffic Overseas

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 30 Apr 1994 04:32:22 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!news.umbc.edu!eff!
news.duke.edu!solaris.cc.vt.edu!spcuna!news.columbia.edu!namaste.cc.columbia.edu!
mrw13@network.ucsd.edu
Subject: Batteries for Kenwood TH-78A
To: info-hams@ucsd.edu

I finally decided on buying a Kenwood TH-78A and am now considering which

batteries to get with it. There are actually a couple mail order places which will ship the radio with a battery besides the standard PB-13. This is how the three main Kenwood batteries compare:

PB-13 Standard	7.2V	700A	2.5W on High Power (approx. 4.5 hrs.)
PB-17 High-Power	12.0V	700A	5.0W on High Power (approx. 3.0 hrs.)
PB-18 Long-Life	7.2V	1100A	2.5W on High Power (approx. 7.0 hrs.)

There is also the BT-8 battery case which takes 6 AA batteries; what kind of output (in watts) does this provide for and how long will it last?

Additionally, how about batteries that fit the Kenwood but are made by other manufacturers? I'm specifically looking for a "long-life, high-power" battery. Any suggestions/recommendations out there? Thanks very much.

-Marc Wollemborg
<mrw13@columbia.edu>

Date: 30 Apr 1994 19:57:13 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!wupost!bigfoot.wustl.edu!cec3!
jlw3@network.ucsd.edu
Subject: Batteries for Kenwood TH-78A
To: info-hams@ucsd.edu

Marc Richard Wollemborg (mrw13@namaste.cc.columbia.edu) wrote:
: I finally decided on buying a Kenwood TH-78A and am now considering which
: batteries to get with it. There are actually a couple mail order places
: which will ship the radio with a battery besides the standard PB-13. This
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: PB-13 Standard 7.2V 700A 2.5W on High Power (approx. 4.5 hrs.)
: PB-17 High-Power 12.0V 700A 5.0W on High Power (approx. 3.0 hrs.)
: PB-18 Long-Life 7.2V 1100A 2.5W on High Power (approx. 7.0 hrs.)
did you mean mAh instead of A????? I'd like a 700 Ah battery!!!!

Date: Sat, 30 Apr 1994 14:20:42 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!news.cac.psu.edu!psuvm!
news.ysu.edu!malgudi.oar.net!witch!doghouse!jsalemi@network.ucsd.edu
Subject: Field Day
To: info-hams@ucsd.edu

In article <YEE.94Apr29162635@mipgsun.mipg.upenn.edu>, Conway Yee
(yee@mipg.upenn.edu) writes:
>I was reading the Field Day rules in this month's QST. It appears as
>if Field Day is theoretically open to only hams who are "members of

>the "ARRL/Canadian Field Organization". Does this mean that only
>Canadian hams and members of ARRL are (in theory) participants in
>Field Day? The rules specifically indicate that "Foreign stations may
>be contacted for credit, but are not eligible to compete." I always
>thought that Field day was an International affair!

Nope; Field Day is pretty much strictly a US/Canada event. It's not really a contest, per se, as the whole idea is to encourage operating under less than optimal conditions -- battery power, solar power, generators, and the like. The competitive aspect is as much to see how your emergency setup works under different conditions as it is just fun.

73 de KR4CZ

---joe

Joe Salemi, KR4CZ Internet: jsalemi@doghouse.win.net
Compuserve: 72631,23 FidoNet: 1:109/136
703-548-0928 MCI Mail: 433-3961

Date: 30 Apr 1994 08:35:48 -0400
From: ihnp4.ucsd.edu!swrinde!emory!news-feed-2.peachnet.edu!st6000.sct.edu!not-for-mail@network.ucsd.edu
Subject: FT-41R weirdness
To: info-hams@ucsd.edu

Mike,

What you are describing is known as "talk off" where the transmitter limits the audio on voice peaks, causing the ctcss to be sent at a reduced level. Turning the deviation down (mic gain, etc) on the radio may help.

Good Luck

73 de n1kdo

Date: Sat, 30 Apr 94 14:12:24 -0500
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!noc.near.net!news.delphi.com!usenet@network.ucsd.edu
Subject: FT-530 Mod Made Easy?
To: info-hams@ucsd.edu

I recently purchased a Yaesu FT-530. When I bought the radio the

dealer gave me a MOD sheet for the expanded receive. When I started to make the mod I found that the circuit board layout was not the same as the drawing on the mod sheet and that there is a loop of wire on what I think is pad 13. If this is pad 13 it looks like simply cutting the wire will accomplish the mod. I did not try this since I am not sure that this is the right pad. Has anyone else seen this layout? Can the mod be done by cutting the wire?

Here is a rough drawing of the circuit pads:
(This is from memory. I already closed up the case.)

(|) (|)

(|) (|)

(|) (|)

(|) (|)

(|) (|)

(|) (|)

(|) <-- Wire loop here

(|) [] <-- Resistor? here

Murl McRae WA9CWT
Bloomington, IN

murl@delphi.com

Date: 30 Apr 94 04:22:00 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!convex!news.duke.edu!duke!wolves!
psybbs!fredmail@network.ucsd.edu
Subject: HTX-202 audio problem
To: info-hams@ucsd.edu

RG> I picked up a Realistic HTX-202 2m HT over the weekend (my first rig),
RG> but have been getting comments that my audio is weak. I've heard
RG> rumors that this is a common problem with the 202. Can it be fixed or
RG> should I just learn to live with it?

It can be fixed. Go to your local Radio Shack store and order the service manual (aprox. \$4.00) and locate the deviation adjustment. Increase this adjustment very slowly until you get the audio quality you desire.

The initial adjustment is set for aprox. 3.5 KHz. If you have the proper test equipment you might want to set it to about 4.5 KHz.

73,
Bill, KD4LLQ

X OLX 2.1 TD X Backup not found: (A)bort (R)etry (P)anic

Date: 30 Apr 94 15:50:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: Info-Hams Digest V94 #459
To: info-hams@ucsd.edu

unsub vortex!chucks@color.ithaca.ny.us info-hams

--
Chuck Schultz - chucks@vortex.ithaca.ny.us
The Total Perspective Vortex BBS, Ithaca, NY

Date: Thu, 28 Apr 1994 16:47:33 GMT
From: hsdndev!admii!ovation!tsimkins@yale.arpa
Subject: Jeremiah O'brien 22 Apr
To: info-hams@ucsd.edu

In article <FAUNT.94Apr23112613@netcom4.netcom.com> faunt@netcom4.netcom.com (Doug Faunt N6TQS 510-655-8604) writes:

>These are from WB6PLG's postings on packet
>
>22nd noon 23.36N 111.05W Crs 127 deg T, spd 11.7 knots.
>
>73, doug

Is it in free fall?

--

As always, Tom |"It is vain to look for a defense against||
 | lightning"-- Publilius Syrus, 45 B.C. |

Date: 30 Apr 1994 06:04:39 -0700
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!wupost!udel!
news2.sprintlink.net!news.sprintlink.net!connected.com!connected.com!not-for-
mail@network.ucsd.edu
Subject: Mobile Antenna Experience
To: info-hams@ucsd.edu

Has anyone had any experience (either positive or negative) with
the OUTBACKER MOBILE ANTENNA? I am considering installing an HF
rig in my Taurus along with an all-band mobile antenna.

Your comments and suggestions about this antenna or any other
easily-installed, low-profile all-bander would be appreciated.
Please include the type of mount you are using. I am looking
for a non-permanent mount which will not scratch the car.

Thanks and 73.

--

Jeff Freedman Tacoma, Washington jfreedmn@hebron.connected.com
K7JF You come here with a skull full of mush ...

Date: 30 Apr 1994 12:47:44 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!torn!hermes.acs.ryerson.ca!
turing.acs.ryerson.ca!adragoze@network.ucsd.edu
Subject: Morse Code Software
To: info-hams@ucsd.edu

Date: 30 Apr 94 14:15:56 -0400
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!magnus.acs.ohio-state.edu!cis.ohio-
state.edu!pacific.mps.ohio-state.edu!ohstpy.mps.ohio-state.edu!
garland@network.ucsd.edu
Subject: Ni-Metal-Hydride batts for handhelds?
To: info-hams@ucsd.edu

Does anyone know whether any hand-held transceivers come with NiMH batteries,
instead of NiCads? Also, do any aftermarket battery manufacturers make NiMH

batteries. My understanding is that the power capacity is greater in NiMH batteries and that they don't have a "memory" effect -- both of which seem highly desirable traits for a handheld. Thanks

Jim W8ZR

Date: 30 Apr 94 04:29:02 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!cs.utexas.edu!
convex!news.duke.edu!duke!wolves!psybbs!fredmail@network.ucsd.edu
Subject: Radio Shack HTX-202 Help
To: info-hams@ucsd.edu

TA> Hi All,
TA> I am looking for information on the HTX-202. I need a
TA> modification on how to eliminate the LONG TX hang time when I transmit
TA> touch tones. I can not use the auto-patch on any repeaters in my area do
TA> to this LONG TRANSMITTER hang time.

Go into your Configuration Menu (Function 8) and press the up arrow key once. This will bring you to the setting <ar> for auto reply. Turn this to the ON position. This will require you to hold down the PTT while you enter the DTMF tones and will drop the transmitter as soon as you release the PTT.

Good Luck,

Bill, KD4LLQ

X OLX 2.1 TD X Press "+" to see another tagline.

Date: 30 Apr 94 15:01:20 GMT
From: news-mail-gateway@ucsd.edu
Subject: REJECTED: Info-Hams Digest V94 #471
To: info-hams@ucsd.edu

----- Mail rejected by CEO. -----
No Routing Link Available Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: info-hams@UCSD.EDU
To: Info-Hams@UCSD.EDU
Subject: Info-Hams Digest V94 #471
X-Ceo_Options: Document

CEO comments:

See document for message.

CEO document contents:

Info-Hams Digest Sat, 30 Apr 94 Volume 94 : Issue 471

Today's Topics:

Help on ham headphones needed
Straight Key Night

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>

Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>

Problems you can't solve otherwise to brian@ucsd.edu.

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policies or positions of any party. Your mileage may vary. So there.

Date: Sat, 30 Apr 1994 04:09:45 GMT

From:

ihnp4.ucsd.edu!usc!math.ohio-state.edu!magnus.acs.ohio-state.edu!
usenet.ins.cwru.edu!lerc.nasa.gov!kira.cc.uakron.edu!malgudi.oar.net!witch!
doghouse!jsalemi@net
work.ucsd.edu

Subject: Help on ham headphones needed

To: info-hams@ucsd.edu

In article <1994Apr29.093042.1@ccsua.ctstateu.edu>, white@ccsua.ctstateu.edu
(white@ccsua.ctstateu.edu) writes:

>

>I'm looking for methods to reduce brain-strain on HF....NOISE.

>Does anyone have any experience with the ham headphones (small

>dynamic range) vs stereo headphone? Do they make a difference?

Yes, they do -- the frequency response is different in headphones
designed for ham use. They favor the voice frequencies, whereas
regular stereo headphones favor the higher music frequencies.

---joe

Joe Salemi, KR4CZ	Internet: jsalemi@doghouse.win.net
Compuserve: 72631,23	FidoNet: 1:109/136
703-548-0928	MCI Mail: 433-3961

Date: 30 Apr 1994 05:58:48 GMT
From: ihnp4.ucsd.edu!agate!darkstar.UCSC.EDU!cats.ucsc.edu!haynes@network.ucsd.edu
Subject: Straight Key Night
To: info-hams@ucsd.edu

And after getting into a RTTY contest recently, for the first time in 35 years or so, and talking to all those computers, I got to thinking we ought to have a Green Key Night sometime when you have to use a Real Teletype.

--

haynes@cats.ucsc.edu
haynes@cats.bitnet

"Ya can talk all ya wanna, but it's dif'rent than it was!"

"No it aint! But ya gotta know the territory!"

Meredith Willson: "The Music Man"

End of Info-Hams Digest V94 #471

Date: Sat, 30 Apr 1994 17:40:33 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!pipex!uknet!icsbelf!
mark@network.ucsd.edu
Subject: Shareware Contest Logger
To: info-hams@ucsd.edu

Super-Duper IOTA is a shareware version of EI5DI's popular contest logging program. It includes all the features of the full HF version, except that only one contest type (IOTA) is supported.

The program is designed for ease of use, and requires the minimum number of keystrokes to log each contact, as well as instant duplicate checking, automatic scoring and multipliers.

You are encouraged to use this program FREE, and if you like it and wish to upgrade to the full version, follow the instructions included in the package.

I have uploaded sdi537.exe to /hamradio/packet/tcpip/incoming on ucsd.edu.

73, Mark

--

Mark Willis	Internet: mark@icsbelf.co.uk
ICS Computing Group Ltd.	Packet: GIOPEZ@GB7TED.#63.GBR.EU
Belfast	AmprNet: 44.131.15.3
Northern Ireland	CompuServe: 100317,3025

Date: Sat, 30 Apr 1994 13:34:51 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!wupost!udel!
news2.sprintlink.net!news.sprintlink.net!news.dorsai.org!bigsteve@network.ucsd.edu
Subject: Spectrum Show 30 Apr 94
To: info-hams@ucsd.edu

This is to let everyone know that my news segment on the Spectrum program that was heard via WWCN/5810Khz, on 4/30/94, (US Time), was originally prepared for the previous weeks program. It, and all the other segments, were delayed one week by an arbitrary management decision to present a "listener appreciation" program last week.

This means the news item, (IL scanner bill), is definately out of date. We were not able to update the report since Dave was in Dayton.

The prerecorded segment also states that we will be taking more entries to rename the segment. Sorry, but due to commitments next week, I will not be able to extend it, it ended on its original schedule, today. The winner is Dave Chapchuk who snail mailed in the suggestion SPECTRUM ANALYSIS.

- - -

Here is a hardcopy of this weeks Spectrum Analysis.

Well it seems appropriate that for our first commentary we will be discussing Bootleg radio. Now we've been calling it Pirate radio for the longest time, but when you get down to it, it has had numerous names over the course of time. The latest attempt to rename illegal broadcasting is Micro Radio.

As the name implys, Micro Radio means low power operations, usually 10 watts and under. Unlike Pirate Radio as we know it, Micro Radio is being touted more as a political entity, not the "for fun" and ego-tripping form that Pirate Radio is. The chief advocate of Micro Radio is Stephen Dunifer, a former guest on this program. Dunifer is a product of 1970's Berkley, California, where he still lives and is considered to be a former

political radical.

A few weeks ago Dunifer published what I consider to be his manifesto on the Internet called, Take Back The Airwaves. While I didn't agree with some of what he said, it did inspire about 50 comments by other users that discussed many of his ideas. The ideas covered everything from how licensed broadcast stations are playing to the largest audience to get the most money and have no intention of serving the minority interest of the community to how Micro Radio would be a true democratic representation of the populace.

One of the repliers was Bob Smith, the host of a radio talk show on a Rochester, NY, AM station who was interested in finding out more about the various aspects of Micro Radio. Instead of being welcomed as a possible supporter of the idea, within the media, he was blasted by one individual who claimed that Bob was part of the problem. The poster went on to further say that Bob was reaching his audience, but the poster wasn't because he did not have the money to buy a station. Bob was further ripped for having an audience which meant the owners could sell the advertising time, which meant that Bob could continue to reach his audience and the advertisers would buy more time. The poster went on to say that Bob was monopolizing the airwaves and had the nerve to solicit suggestions on how to make his air time more useful.

Sound familiar? No? Well does the old, "you are a tool of the establishment" argument from the 1960's ring a bell? How about the, "It's people like you who are continuing the war," statement? Good Lord, I though we were finished with this self righteous, radical, flower-power trip a generation ago, but I see the attitude has manifested itself in another way. Comm'on folks this is the 90's, not the 70's, the revival of Hair is on the stage, it shouldn't be in the streets too.

Now as one who is a former staffer of politically oriented broadcaster, Radio New York International, I should talk, right? Yes, I was there during the Liberal period of Randi Steele and the "Dump Bush" time of Pirate Joe, but this attitude is childish. It is an attitude that is a detriment to Micro Radio. Hasn't anyone learned the lesson of RNI?

You can't lobby politicians by saying I want the 10 watt Class D station license reinstated so I can hear Joe Shlamengie talk, if Joe Shlamengie is on the FBI's list of subversives. In the words of the hippie generation's troubador, John Lennon, "But if you're going to carry picture of Chairman Mao, you ain't gonna make it with anyone, anyhow". It's time to really put the idea of community radio back in the hands of responsible parties. Even the most liberal of congressperson is not going to open a Pandora's box of supporting licenses on the idea of it being a 1st Amendment right of the individual.

If you want to start a movement for the issuance of these low power licenses, a community radio broadcasting band, or any other type of local communication facility, then it's time to put your support behind responsible community agencies. Outreach programs, neighborhood youth and senior centers, churches and temples, support groups, chambers of commerce, and even the local High School; they are all the kinds of public institutions that would be the most politically acceptable to operate these Micro stations. Joining, supporting, and convincing these institutions that Micro Radio could be a way of extending itself out to the community is the way to go in my opinion.

If you were to ask those politically radical individuals of the 1960's and 70's, you'll find that most of them, people like Abie Hoffman, Tom Hayden, and even Jessie Jackson, decided to work within the system to bring change. Being a radical, especially when trying to tackle the FCC, is not going to make it with anyone, anyhow.

— —

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< ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^>  
 < "Big Steve" Coletti >  
 < Shortwave Listener, Broadcaster, Computer Consultant >  
 < and all around nice guy >  
 < Internet: bigsteve@dorsai.dorsai.org ==== S.COLETTI2@genie.geis.com >  
 < UUCP: steve.cole@islenet.com ==== steveny@lopez.marquette.mi.us >  
 < Fidonet: 1:278/712 US Mail: P.O. Box 396, New York, NY 10002 >  
 < Voice: +1 212 995-2637 >
```

Date: Sat, 30 Apr 94 11:45:55 EDT
From: caen!malgudi.oar.net!hypnos!voxbox!jgrubs@tcgould.tn.cornell.edu
Subject: Spectrum Show 30 Apr 94
To: info-hams@ucsd.edu

bigsteve@dorsai.dorsai.org (Steve Coletti) writes:

> This is to let everyone know that my news segment on the Spectrum program
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> prepared for the previous weeks program. It, and all the other segments,
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> able to extend it, it ended on its original schedule, today. The winner is
> Dave Chapchuk who snail mailed in the suggestion SPECTRUM ANALYSIS.

>

> - - -

>

> Here is a hardcopy of this weeks Spectrum Analysis.

Well said!! It won't be popular wuth ego trip set, but they'll
have to learn the 1st Amendment isn't just for them.

```
/-----\
| Jim Grubs, W8GRT          Voxbox Enterprises   Tel.: 419/882-2697 |
| jgrubs@voxbox.norden1.com 6817 Maplewood Ave.   |
| Fido: 1:234/1.0          Sylvania, Ohio 43560   |
\-----+-----/
```

Date: 30 Apr 1994 06:30:36 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!convex!news.duke.edu!solaris.cc.vt.edu!
spcuna!news.columbia.edu!namaste.cc.columbia.edu!mrw13@network.ucsd.edu
Subject: Third Party Traffic Overseas
To: info-hams@ucsd.edu

Would someone please post the list of countries which currently allow
third-party traffic from the U.S.

Thanks,

Marc Wollemborg
<mrw13@columbia.edu>

End of Info-Hams Digest V94 #472
